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Product Information: SPI-1222

INCI Name: Cyclomethicone (and) Dimethicone Crosspolymer

Description:

SPI-1222 is composed of Cyclomethicone and Dimethicone Crosspolymer. The cyclomethicone carries the dimethicone crosspolymer and is thickened by the crosspolymer. This allows thickening of cosmetic formulations using a cold process and provides a novel form of delivery for other formulation components.

Features:

The main features for SPI-1222 are clear to slightly translucent crosslinked silicone elastomer gel, which is easy to formulate. It acts as a thickening agent for water-in-oil and water-in-silicone formulations, cyclomethicones and other silicone fluids.

The main applications are for skin and hair care, antiperspirants and deodorants, sunscreens, color cosmetics and styling aids.

Specification	Range	Typical Properties
Viscosity @ 25 °C	200,000-700,000	500,000 cSt
Appearance @ 25°C	Clear Liquid to Slightly Hazy Gel	Pass
Non-Volatile %	3.5 – 6.0	4.5

Packaging:

SPI-1222 is available in 35 pound pails or 425 pound drums.

Special Use and Safe Handling Information:

See Material Safety Data Sheet for details. Store in original container in a cool, well ventilated area. SPI-1222 is considered a combustible liquid (per NEPA 30 definition) for storage purposes.

Shelf Life:

1 year from date of manufacture when stored at 5°C-45°C in original unopened container.

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